

Home | Login | Logout | Access Information | Alerts | Sitemap

#### Welcome United States Patent and Trademark Office

**®**■

■

■

Search Results

**BROWSE** 

SEARCH

**IEEE XPLORE GUIDE** 

SUPPOF

Search Re	suits		BROWSE	SEARCH	IEEE AFEORE GUI	DE SUPPL	
Your searc	h matched 3 of 1436749 de	ocuments.	ind forestry) <in>metadata</in>	•	er.	☑e-mail 📇 print	
» Search O	ptions				•		
View Session History		Modify Search					
New Search		((papad	((papadopoulos and identification and forestry) <in>metadata)</in>				
		☐ Ch	eck to search only within the	nis results set			
» Key		Displa	y Format:	C Citation & Abs	tract		
IEEE JNL	IEEE Journal or Magazine	·					
IEE JNL	IEE Journal or Magazine	← view	selected items Select	All Deselect All			
IEEE CNF	IEEE Conference Proceeding	. П 1	Modeling and identific		hydraulic articulated fo	restry machine	
IEE CNF	IEE Conference Proceeding	•		n, 1997. Proceeding	s., 1997 IEEE Internatio	nal Conference on	
IEEE STD	IEEE Standard		Volume 1, 20-25 April 1 Digital Object Identifier 1			•	
			AbstractPlus   Full Text: Rights and Permissions	PDF(556 KB) IEE	E CNF		
		☐ <sup>2</sup>	2. On modeling, identification manipulator Papadopoulos, E.; Bin Mechatronics, IEEE/ASI Volume 8, Issue 2, Jun Digital Object Identifier 1	Mu; Frenette, R.; ME Transactions on e 2003 Page(s):178 I0.1109/TMECH.200	3 - 187 03.812820	hydraulic harvest	
			AbstractPlus   Reference Rights and Permissions				
		□ <sup>3</sup>	3. On the modeling and on Papadopoulos, E.; French Intelligent Robots and Solutional Conference	ette, R.; Bin Mu; Go ystems, 1997. IROS		•	

Volume 3, 7-11 Sept. 1997 Page(s):1832 - 1837 vol.3 Digital Object Identifier 10.1109/IROS.1997.656611 <u>AbstractPlus</u> | Full Text: <u>PDF</u>(652 KB) **IEEE CNF** 

Rights and Permissions

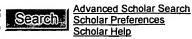
indexed by inspec\*

Help Contact Us Privacy & Security

© Copyright 2006 IEEE – All Rights



gear train" simulat? amplitude frequency "para Search.



Scholar All articles Recent articles Results 1 - 10 of about 13 for "gear train" simulat? amplitude frequency "par

#### **All Results**

J Juang H Taghirad Z Peng

L Horta

P Belanger

Did you mean: "gear train" simulator? amplitude frequency "parameter identification"

Modeling and parameter identification of harmonic drive systems - group of 5 » HD Taghirad, PR Belanger - ASME Journal of Dynamic Systems, Measurements, and Control, 1998 saba.kntu.ac.ir

... chanical operation of this gear train dees conventional ... allowable amplitude are spanned, to experiment both low ... are analysed through simulation and reported in ... Cited by 7 - Related Articles - View as HTML - Web Search - BL Direct

Ultra-maneuverable steering control algorithms for terrain transitions - group of 6 » MW Torrie, R Koch, V Bahl, D Cripps - Proceedings of SPIE- The International society for optical ..., 1999 - autonomoussolutions.com

... gear train ... The discrete simulation of the PQFT remained stable in the large, but ... first attempts at angular control resulted in small amplitude, high frequency ... Cited by 1 - Related Articles - Web Search - BL Direct

Effects of atmosphere on slewing control of a flexible structure - group of 3 » JN Juang, LG Horta - Journal of Guidance, Control and Dynamics, 1987 - pdf.aiaa.org ... motion was less than predicted in **simulation**, probably because ... motor inertia by I, the gear train viscous drag ... minimize the excitation of high-frequency modes ... Cited by 10 - Related Articles - Web Search

## Effects of Atmosphere on Slewing Control of A Flexible Structure

VA Hampton - pdf.aiaa.org

... The solidline represents simulation data, whereas the ... to the dissipative effect of the gear train backlash not ... 6) is generally a function of vibration amplitude. ... Web Search

#### Application of the wavelet transform in machine condition monitoring and fault diagnostics: a review ... - group of 6 »

ZK Peng, FL Chu - Mechanical Systems and Signal Processing, 2004 - Elsevier ... gear systems [18, 19 and 20], planetary gear train [21 and ... the wavelet transform can provide the amplitude and phase ... 2. A simulation signal (a) and its wavelet ... Cited by 20 - Related Articles - Web Search

# An investigation of crankshaft oscillations for cylinder health diagnostics - group of 3

M Geveci, AW Osburn, MA Franchek - Mechanical Systems and Signal Processing, 2005 - Elsevier ... angular position (rad) y g gear-train angular position ... In [6,7], frequency-response function models of ... state operating point affects the amplitude and phase of ... Related Articles - Web Search

## [воок] A Parametric Study of Spur Gear Dynamics - group of 2 »

HH Lin, CH Liou - 1998 - ntrs.nasa.gov

... technique to perform mode shape and frequency analysis in ... computer simulation results revealed the effect of each individual ... when designing a gear train system ... Cited by 1 - Related Articles - View as HTML - Web Search - Library Search

### Development and Implementation of Compliant Controller On Manus Robot Arm

AR Konuk - student.utwente.nl

... Simulation .... ... parameter identification ... gear train ...

Related Articles - Web Search

#### Telerobotic response requirements

TL Brooks, STX Robotics, MD Lanham - Systems, Man and Cybernetics, 1990. Conference Proceedings., ..., 1990 - ieeexplore.ieee.org ... 400 Hz), and (4) skin stretch (very low **frequency**). ... up to 320 Hz low-**amplitude** vibrational information ... alleviate nonlinear effects of the **gear train** and actuator ... Cited by 66 - Related Articles - Web Search

#### Solutions to Typical Motor Load Emulation Control Problems

B Hassania, P Sicard, A Ba-razzouk - opal-rt.com
... of the dynamometer and coupling or **gear train**; it is ... or hardware in the loop **simulation**[4] constitutes an ... the load torque response (**amplitude** and eventually ...
Related Articles - Web Search

Did you mean to search for: "gear train" simulator? amplitude frequency "parameter identification"

Google ▶

Result Page: 1 2 Nex

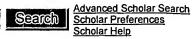
"gear train" simulat? amplitude frequ

Google Home - About Google - About Google Scholar

©2006 Google



gear train" simulat? oscillation frequency "par



### Scholar All articles Recent articles Results 1 - 10 of about 15 for "gear train" simulat? oscillation frequency "pai

**All Results** 

H Taghirad P Belanger

Z Peng

B Mu

F Chu

Did you mean: "gear train" simulator? oscillation frequency "parameter identification"

Modeling and parameter identification of harmonic drive systems - group of 5 »

HD Taghirad, PR Belanger - ASME Journal of Dynamic Systems, Measurements, and Control, 1998 saba.kntu.ac.ir

... chanical operation of this gear train dees conventional understanding of gear behaviour ...

frequency range. ... are analysed through simulation and reported in 18]. ... Cited by 7 - Related Articles - View as HTML - Web Search - BL Direct

OnModeling, Identification, andControlofaHeavy-Duty Electrohydraulic Harvester Manipulator - group of 3 »

E Papadopoulos, B Mu, R Frenette - IEEE/ASME TRANSACTIONS ON MECHATRONICS, 2003 -

ieeexplore.ieee.org

... servo-control applications in a simulation or a ... where is the line-oscillation frequency

observed (about 3 Hz ... into the damping of the gear train connected to its ...

Cited by 4 - Related Articles - Web Search - BL Direct

<u>Ultra-maneuverable steering control algorithms for terrain transitions - group of 6 »</u> MW Torrie, R Koch, V Bahl, D Cripps - Proceedings of SPIE- The International society for optical ..., 1999 - autonomoussolutions.com

... gear train ... The discrete simulation of the PQFT remained stable in the large, but exhibited a small angular ... Reducing the system gain eliminated the oscillation. ...

Cited by 1 - Related Articles - Web Search - BL Direct

#### System Modelling, Identification and Coordinated Control Design for an Articulated Forestry Machine

B Mu - 1996 - collectionscanada.ca

... 4 6 4.1 BASICS OF PARAMETER IDENTIFICATION ..... ... 5.2.2 Eflects of Manipularor Narural Frequency 78 5.2.3 Eflecrs of Accuracy of Manipulator Models ...

Cited by 2 - Related Articles - Web Search - Library Search

# An investigation of crankshaft oscillations for cylinder health diagnostics - group of 3

M Geveci, AW Osburn, MA Franchek - Mechanical Systems and Signal Processing, 2005 - Elsevier ... housing angular position (rad) y g gear-train angular position ... no artificial imbalance. the magnitude ofthe oscillations at the ... Frequency, periods/engine cycle ... Related Articles - Web Search

#### THE FLOATING DUTCHMEN - group of 2 »

T Bernardi, B Lewis, M Rosmarin - cats.rpi.edu

... of the motors, backlash in the gear train, and the ... loop rates, and time delays in the simulation ... By finding the frequency of oscillation and measuring the ... Related Articles - View as HTML - Web Search

### A Slewing Control Experiment for Flexible Structures

HH Robertshawt - pdf.aiaa.org

... w2 is a diagonal matrix with elements W, as the frequencies corresponding to ... this

experiment is a dc electric motor, with a gear train and electromechanical ... Web Search

Control of low velocity friction and gear backlash in a machine tool feed drive system - group of 4 »

K Menon, K Krishnamurthy - Mechatronics, 1999 - Elsevier ... in position and limit cycle oscillations around the ... But the simulation results presented showed that the ... lead screw transmission system through a gear train. ... Cited by 5 - Related Articles - Web Search - BL Direct

Application of the wavelet transform in machine condition monitoring and fault diagnostics: a review ... - group of 6 »

ZK Peng, FL Chu - Mechanical Systems and Signal Processing, 2004 - Elsevier ... systems [18, 19 and 20], planetary gear train [21 and ... 2. A simulation signal (a) and its wavelet ... wavelet packet algorithm into free-oscillation testing method ... Cited by 20 - Related Articles - Web Search

A Survey of Experiments for Modeling Verification and Control of Flexible Robotic **Manipulators** 

A Hu - Aerospace Control Systems, 1993. Proceedings. The First IEEE ..., 1993 - ieeexplore.ieee.org

... Many powerful multibody modeling and simulation codes have ... the resid- ual elastic oscillations at the ... of the servo motor is transmitted through a gear train. ... Related Articles - Web Search

Did you mean to search for: "gear train" simulator? oscillation frequency "parameter identification"

Google

Result Page:

"gear train" simulat? oscillation fregu Search.

Google Home - About Google - About Google Scholar

©2006 Google